

**ABSTRACT OF THE DISCLOSURE**  
**MIXED METAL OXIDE CATALYST**

A catalyst comprising a mixed metal oxide is useful for the vapor phase oxidation of an alkane or a mixture of an alkane and an alkene to an unsaturated carboxylic acid and for  
5 the vapor phase ammoxidation of an alkane or a mixture of an alkane and an alkene to an unsaturated nitrile.